

FIG. 1

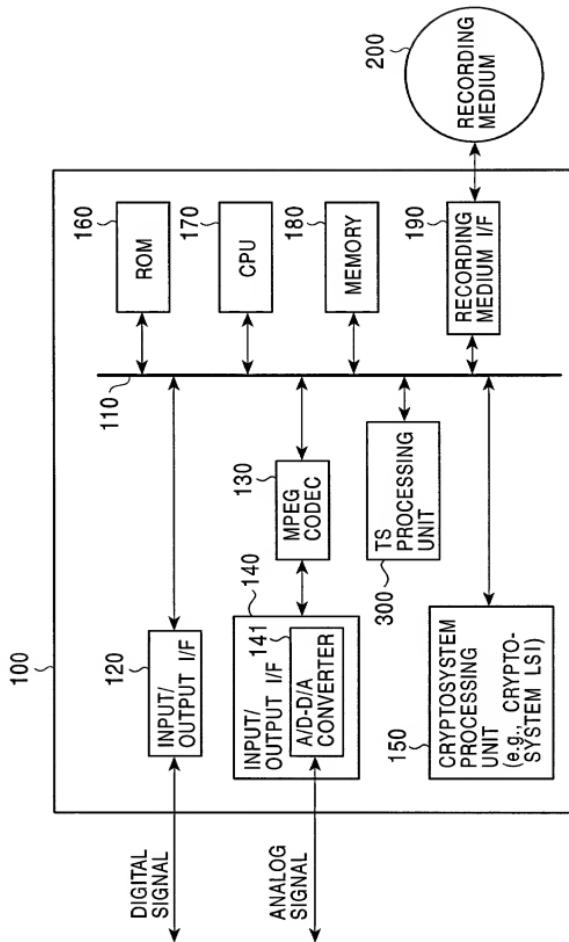


FIG. 2

20070904-021302

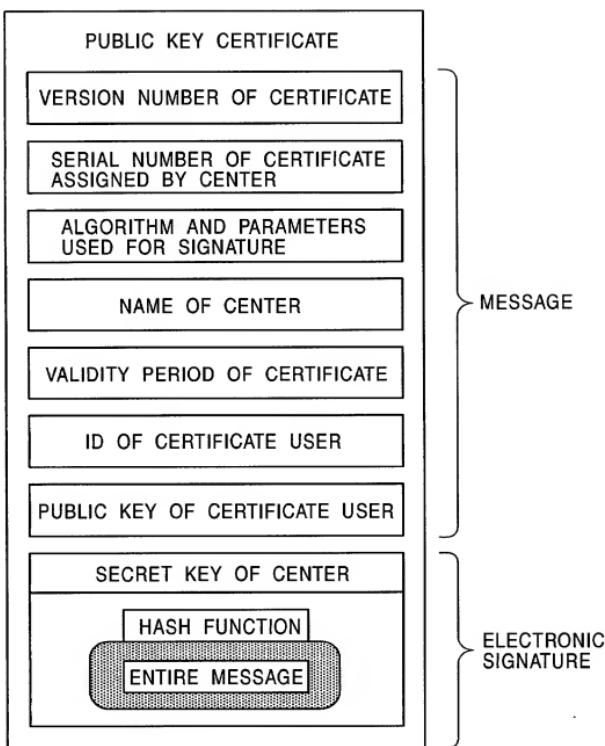


FIG. 3A

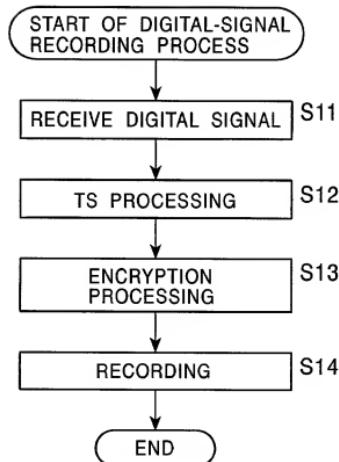


FIG. 3B

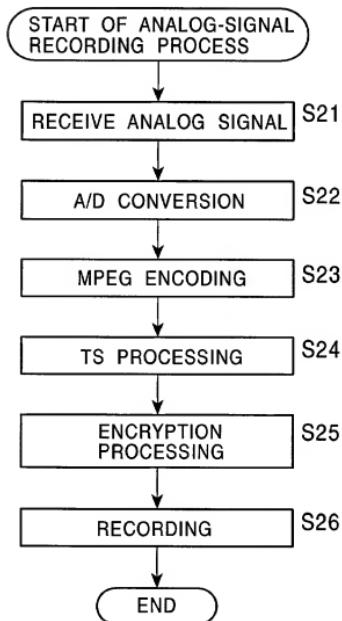


FIG. 4A

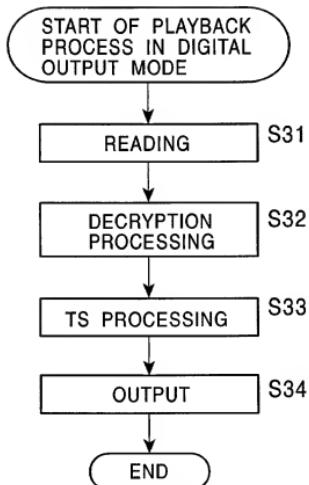


FIG. 4B

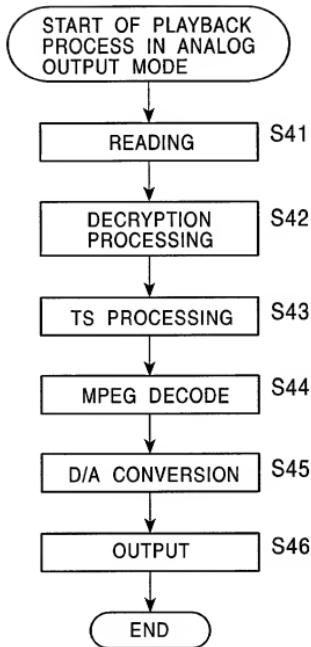


FIG. 5

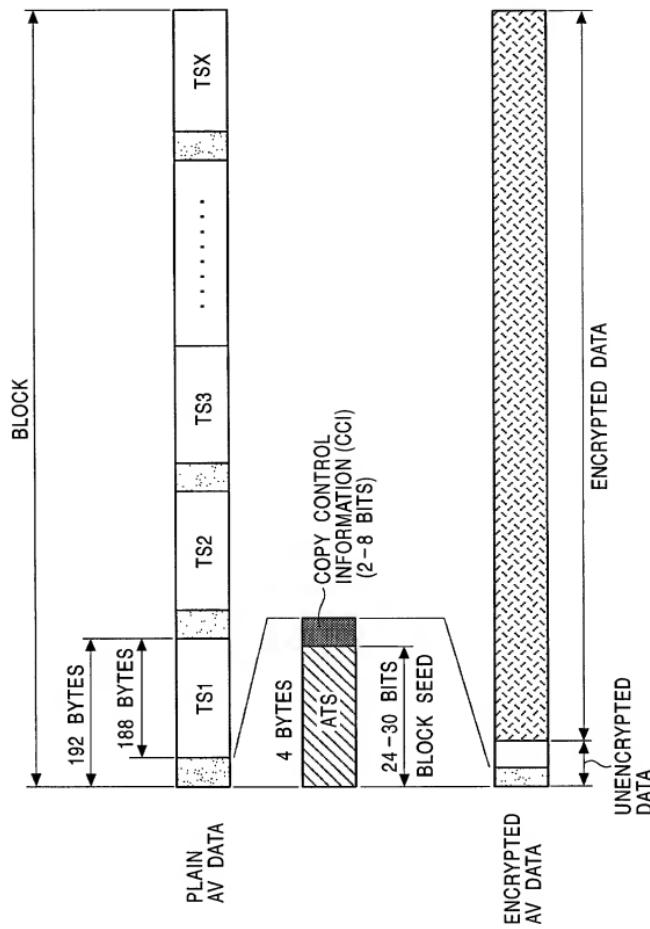
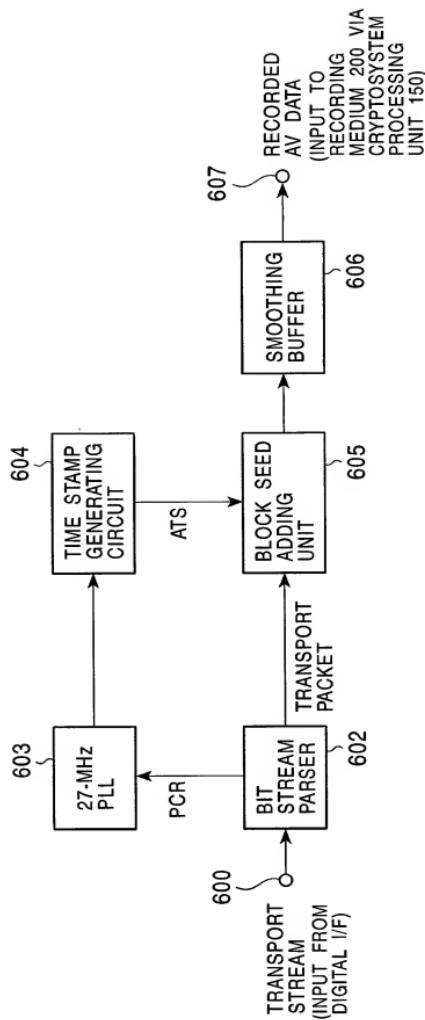


FIG. 6



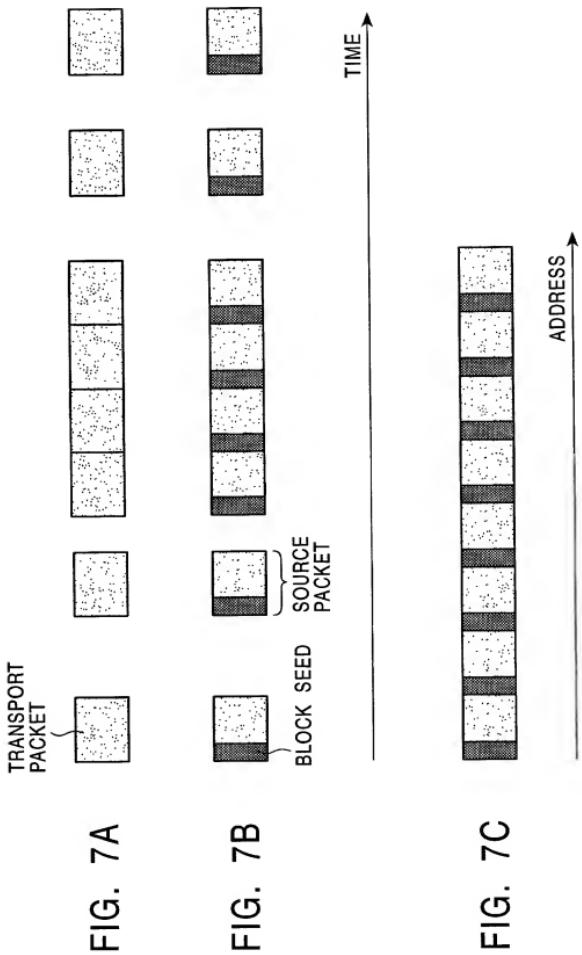


FIG. 8

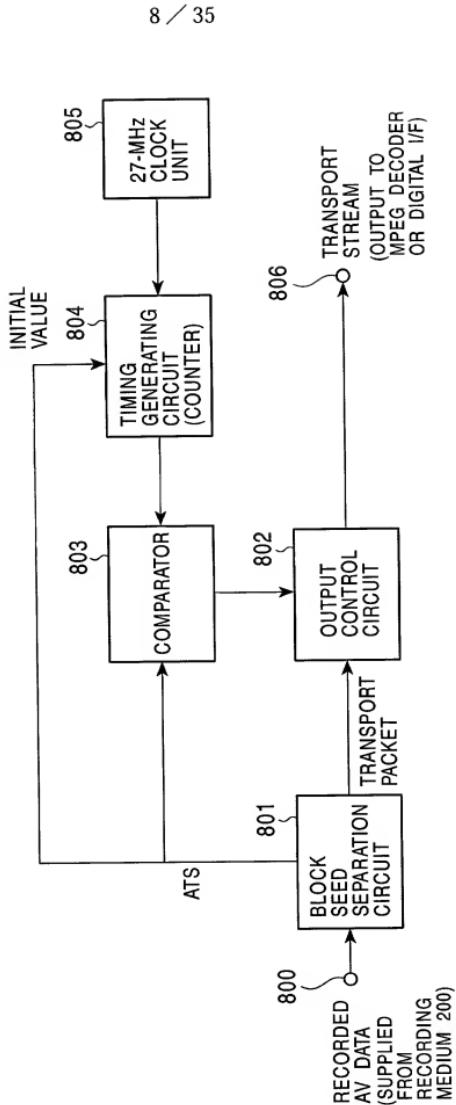


FIG. 9

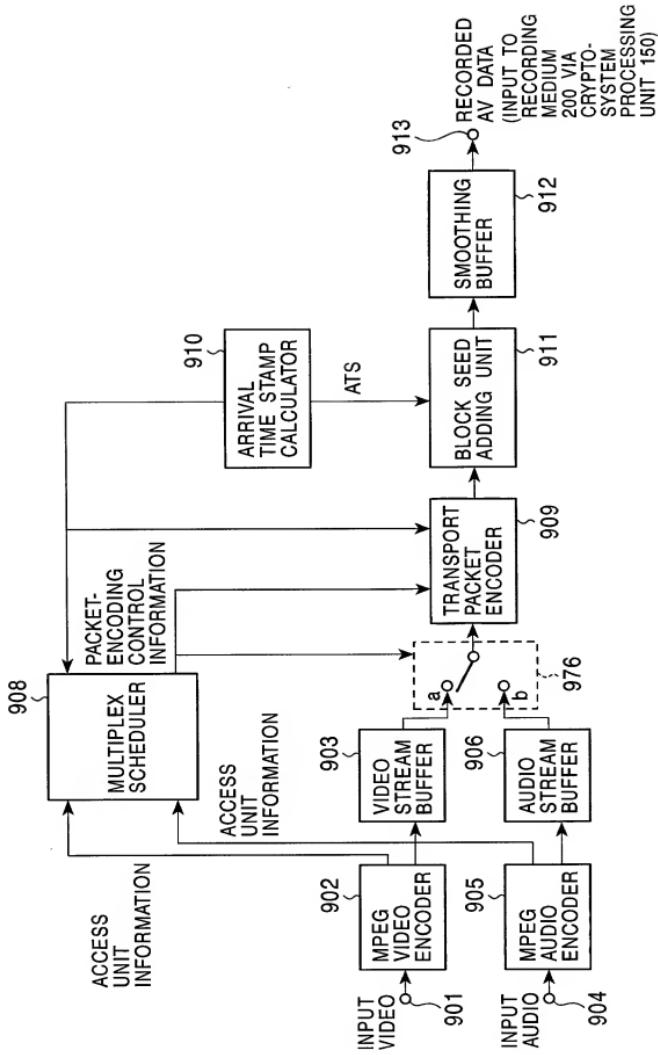
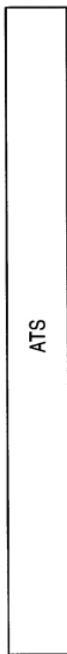


FIG. 10



EXAMPLE 1
ATS 32 BITS



EXAMPLE 2
ATS 30 BITS
CCI 2 BITS



EXAMPLE 3
ATS 24 BITS
CCI 2 BITS
OTHER INFO 6 BITS



FIG. 11

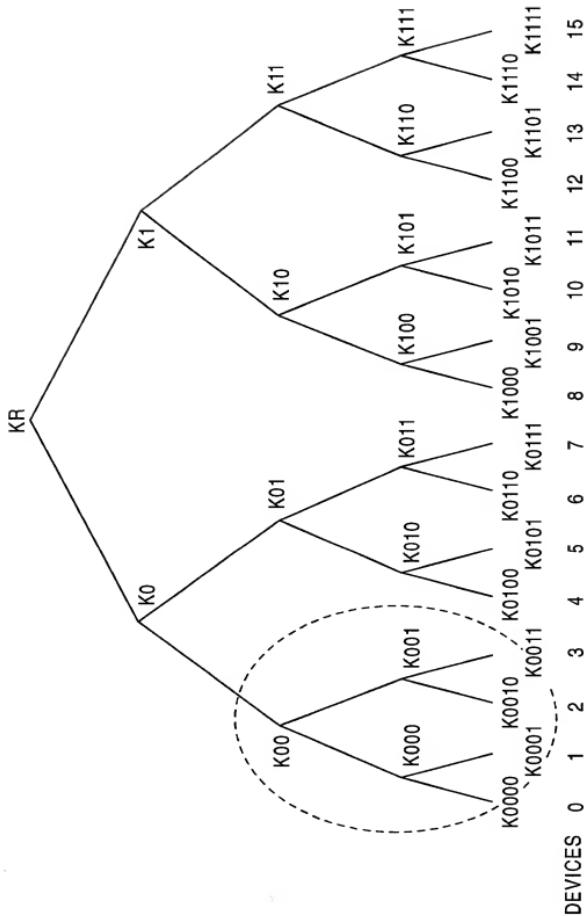


FIG. 12A

GENERATION: t	
INDEX	ENCRYPTION KEY
0	Enc(K(t)0, K(t)R)
00	Enc(K(t)00, K(t)0)
000	Enc(K000, K(t)00)
001	Enc(K(t)001, K(t)00)
0010	Enc(K0010, K(t)001)

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FIG. 12B

GENERATION: t	
INDEX	ENCRYPTION KEY
000	Enc(K000, K(t)00)
001	Enc(K(t)001, K(t)00)
0010	Enc(K0010, K(t)001)

FIG. 13

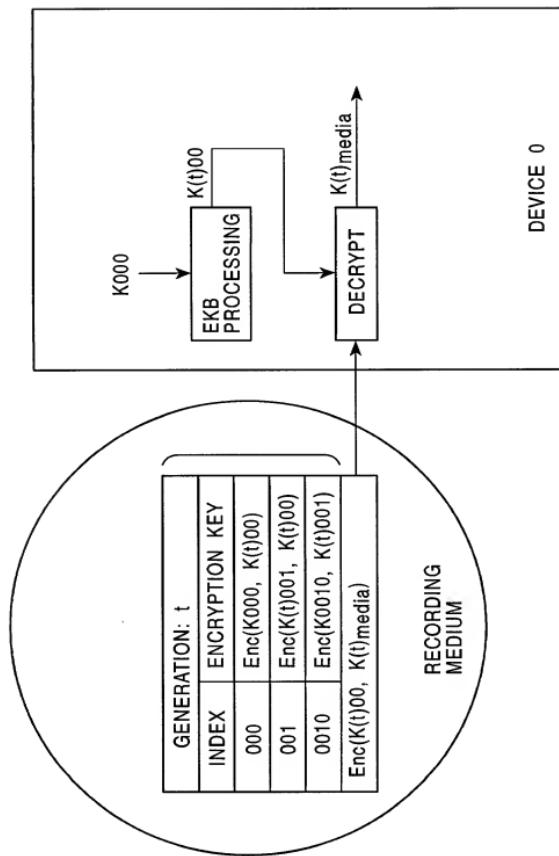


FIG. 14

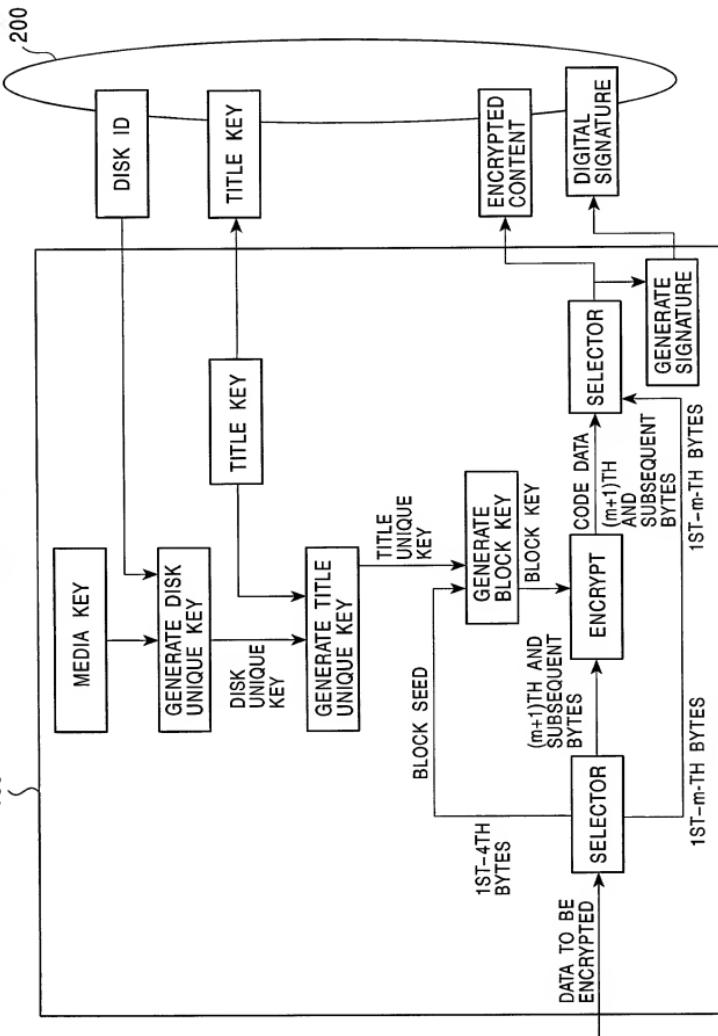


FIG. 15A

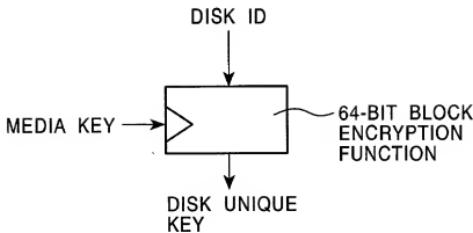


FIG. 15B

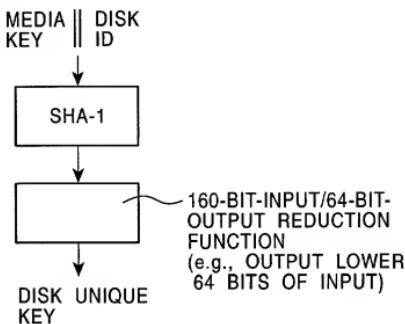


FIG. 16A

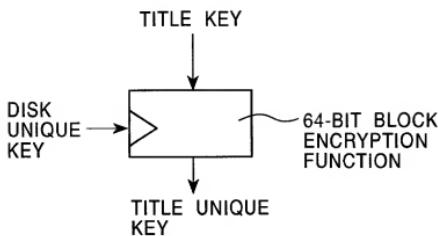


FIG. 16B

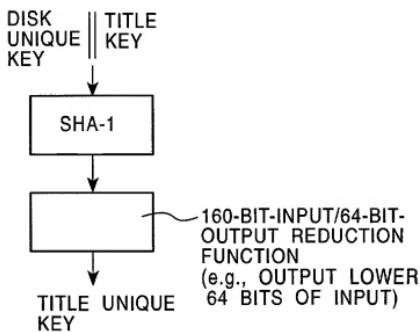


FIG. 17A

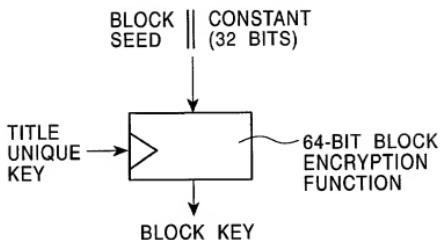


FIG. 17B

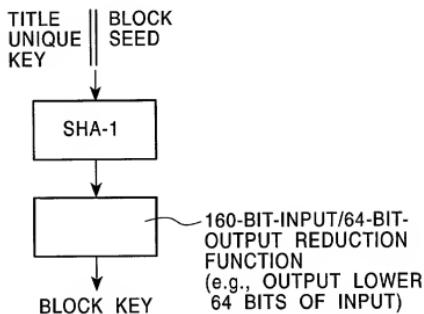


FIG. 18

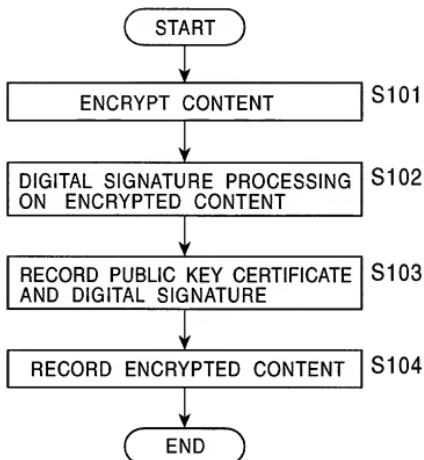


FIG. 19

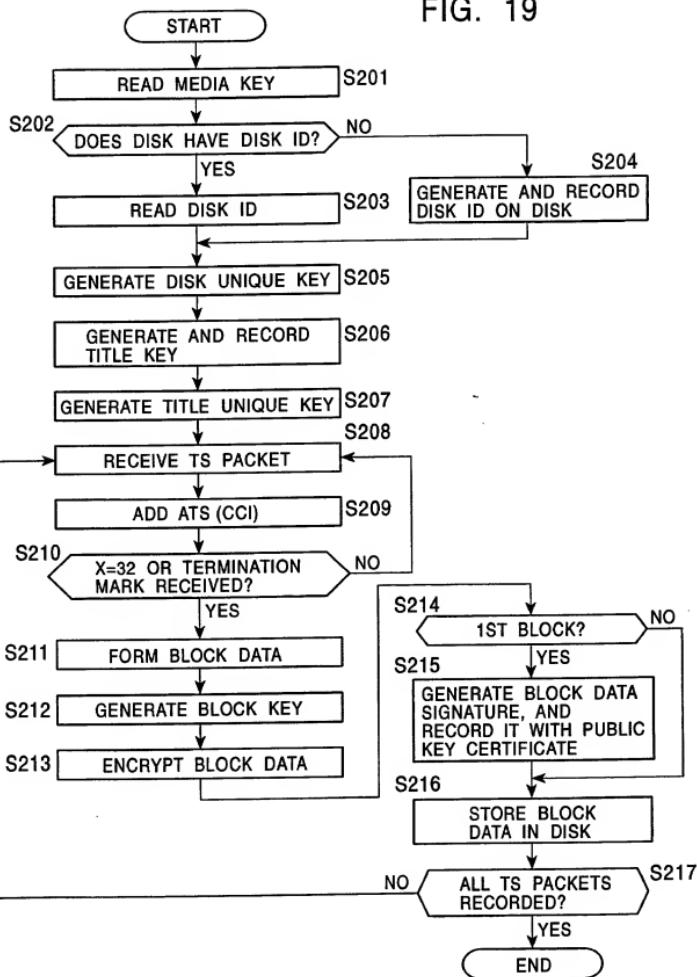


FIG. 20

FILE 1	CONTENT DATA ADDRESS
	TITLE KEY ADDRESS
	DIGITAL SIGNATURE ADDRESS
	PUBLIC KEY CERTIFICATE ADDRESS
	OTHER INFORMATION
FILE 2	CONTENT DATA ADDRESS
	TITLE KEY ADDRESS
	DIGITAL SIGNATURE ADDRESS
	PUBLIC KEY CERTIFICATE ADDRESS
	OTHER INFORMATION
⋮	⋮

FIG. 21

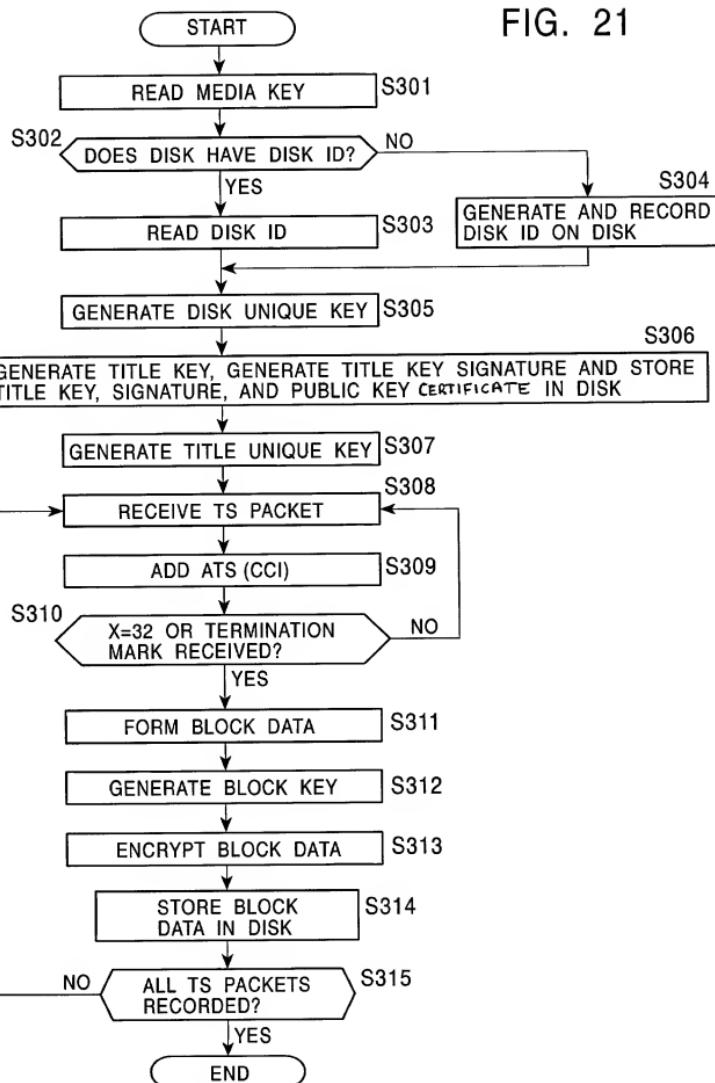


FIG. 22

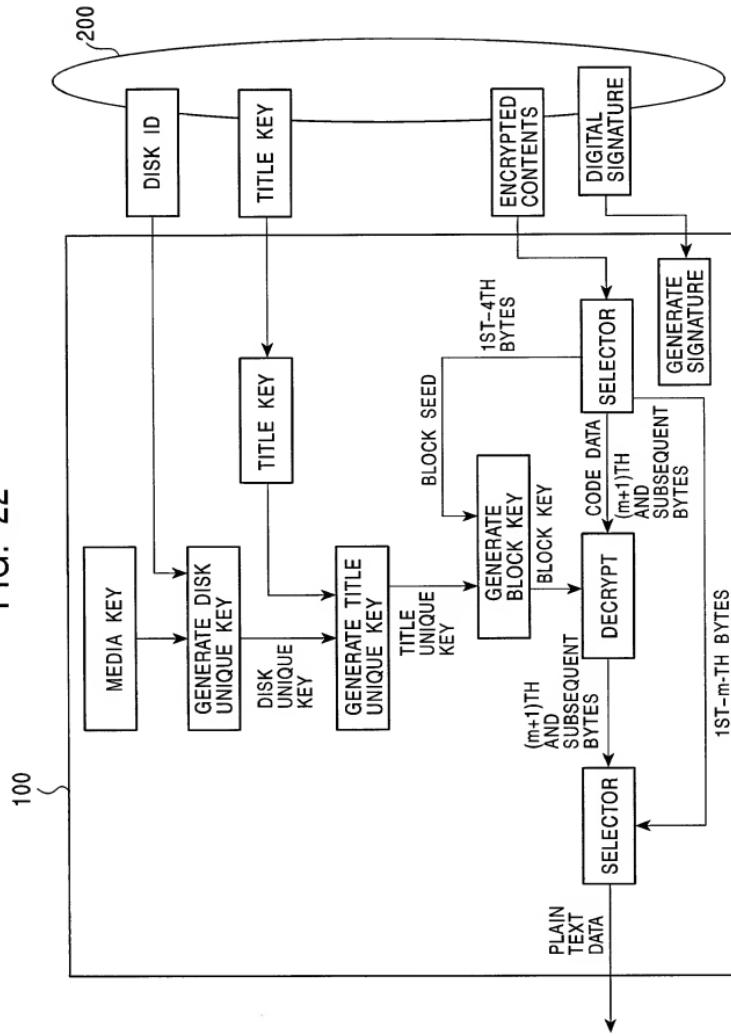


FIG. 23

VERSION NUMBER
ID OF DEVICE TO BE REVOKED
⋮
DIGITAL SIGNATURE OF CENTER

FIG. 24

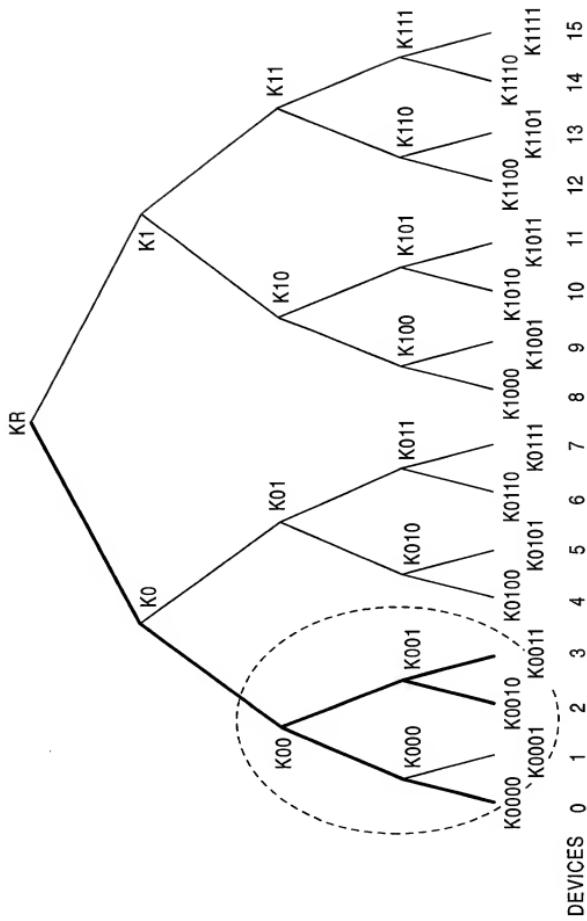


FIG. 25

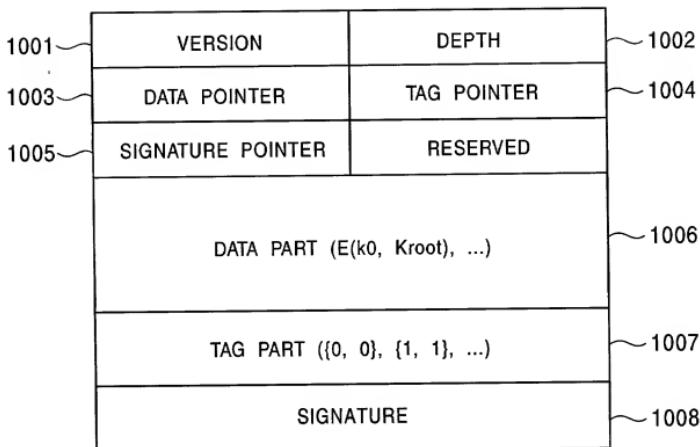


FIG. 26

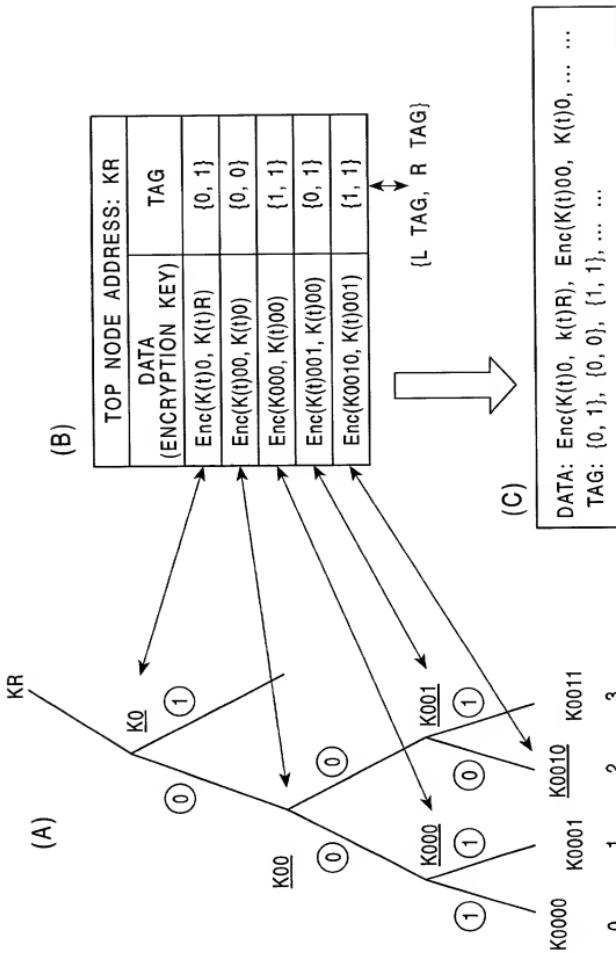


FIG. 27A

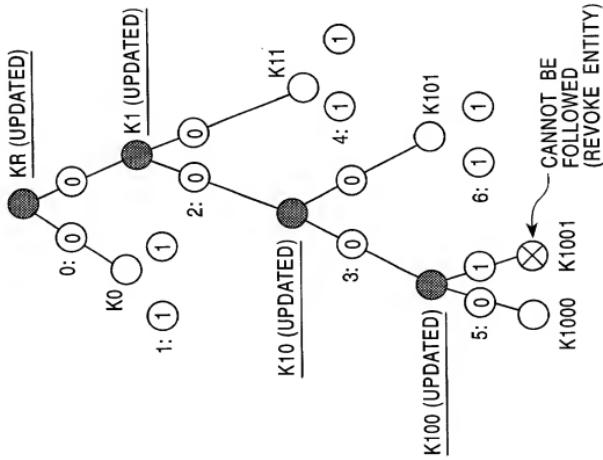


FIG. 27B

DATA (ENCRYPTION KEY)	Enc(K0, K(t)R), Enc(K(t)1, K(t)R) Enc(K(t)10, K(t)1), Enc(K11, K(t)1) Enc(K(t)100, K(t)10), Enc(K101, K(t)10) Enc(K1000, K(t)100)
TAG	0: {0, 0}, 1: {1, 1}, 2: {0, 0}, 3: {0, 0}, 4: {1, 1}, 5: {0, 1}, 6: {1, 1},

{L TAG, R TAG}

FIG. 28A

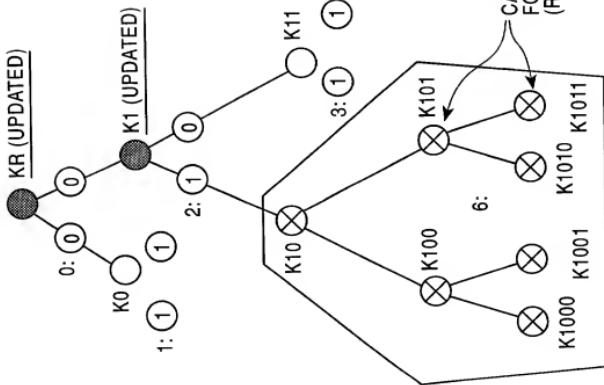


FIG. 28B

DATA (ENCRYPTION KEY)	$\text{Enc}(K_0, K(t)R)$, $\text{Enc}(K(t)1, K(t)R)$ $\text{Enc}(K_{11}, K(t)1)$
TAG	$0: \{0, 0\}$, $1: \{1, 1\}$, $2: \{1, 0\}$, $3: \{1, 1\}$

{L TAG, R TAG}

FIG. 29

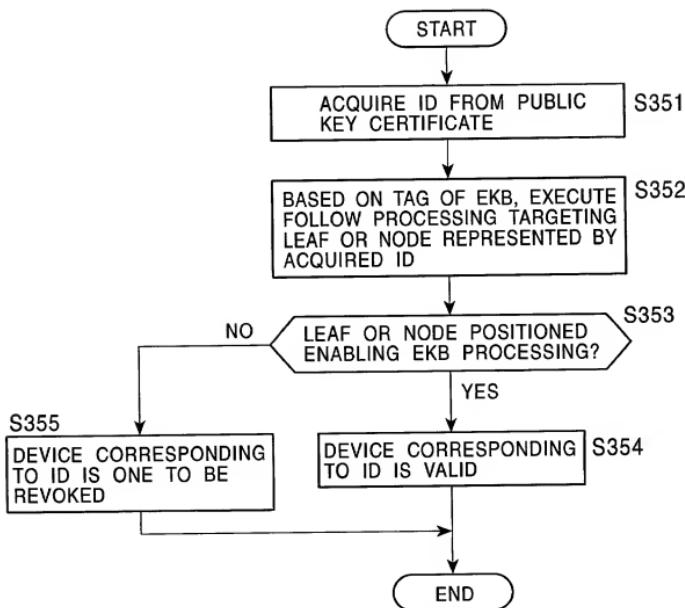


FIG. 30

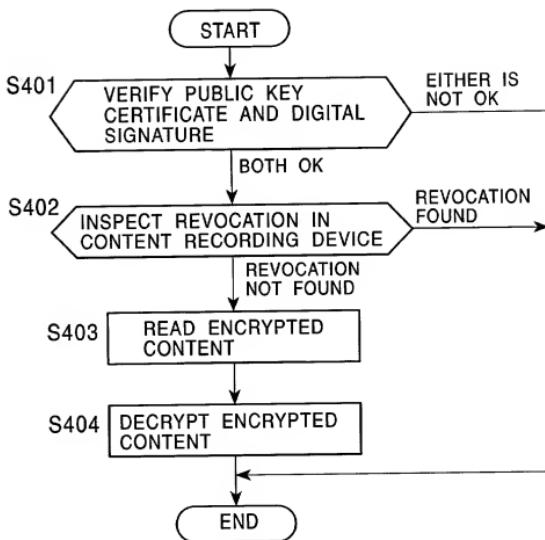


FIG. 31

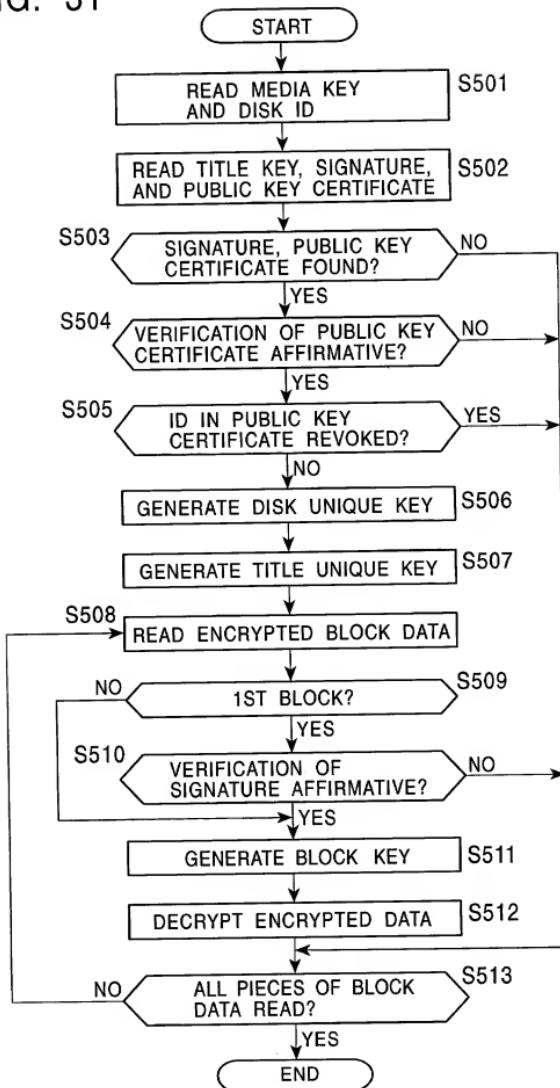


FIG. 32

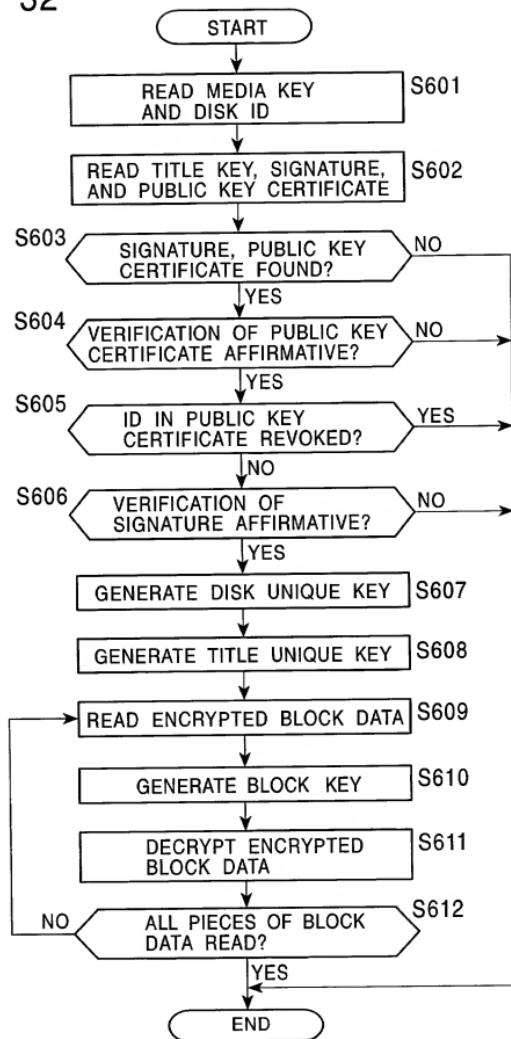


FIG. 33A

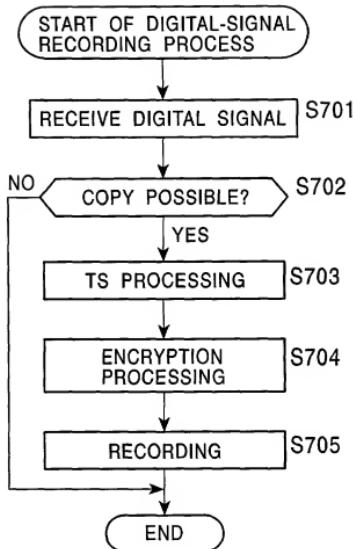


FIG. 33B

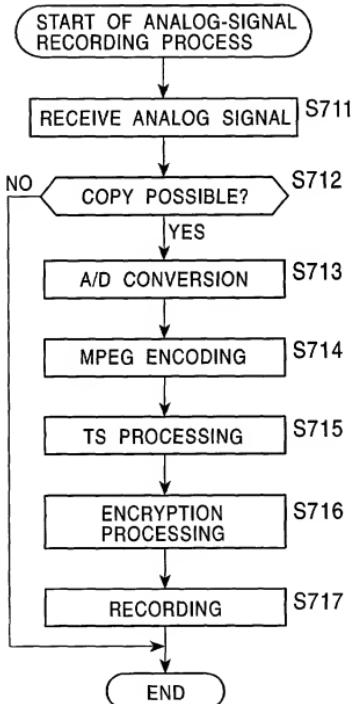


FIG. 34A

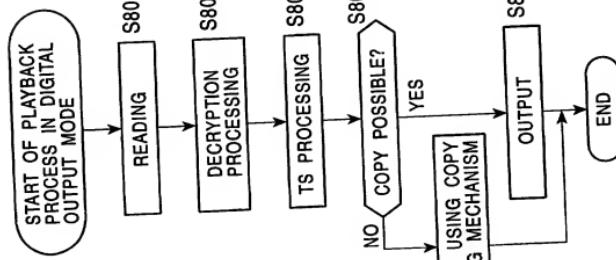


FIG. 34B

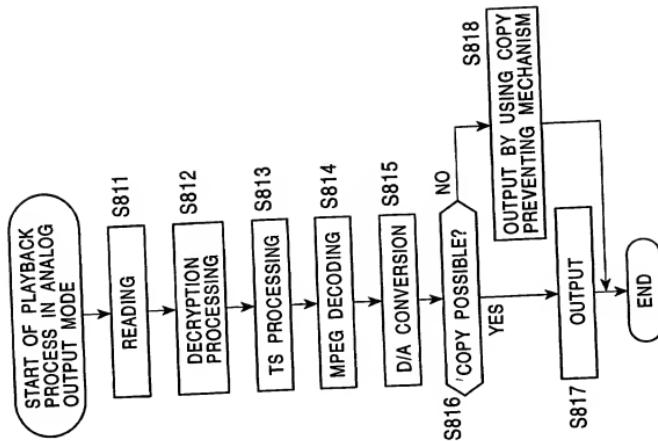


FIG. 35

